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EYN NYGC SYGFYGC SYNDYGC OYNDYGC SEVGYGC NYGFYGC AYNYGG	Ca <sup>c+</sup> loop  DRNAAICFSK DKAAAICFAR N DKRAAICFRR N DKRAAICFRR N DKNMVLCIMN DRKLVYCIKR N DOEIANCLAQ	
CVIPGSDPFL LTTGKEA-AL OVTGKMP-IL KMTGKS-AL AVTGRSA-IL KVTGKNA-LT CVGPRT-PI	100 -ECRSOLGNGCRSOLGEC W-CEQOLGACCORLTGEC TECDKOTGMCCHVNLCACCHVNLCACCC-C-C	
1 AVOFRKAT K NLVN FHRMT K GILNL NKM V K NLVOFG VM I E SLINLK AM VE GLI DLK SM I E GIL ELAGTVG	SALTCS SKNK SRLTCAKODS GNIHCSDKGS RGIFCAGRTT TEIVCSDLNK GVVTCEPGPF OSVLCGPAEN	
1 1 1 D 1 1 M 1	HTY SYSCSG- LSYKFSNSG- DYYRYNFSQ- ENYLFSVEE- DHYDHTIENN OSYKYRFAW ERYSWCCVN-	
PR		pancreatic loop 150 150 150 150 150 150 150 150 150 150
TVAAADSGIS MIFGLLQAHG VMAGVIPIQG PGMKSPHVLV AGSVERHGLV IACSVPAVQG	Prepropeptide sequence  CYDQAKKLÜS C1  CYDHLKTQG C  CYGRLEKRG C  CYGRLEKLG C  CYGRLEKLG C  CYGRLEKC C  CYGRLEKC C  CYGRLEKC C  CYGRLEKC C  CYGRLEKC C  CYGRLEKC C  CYGRLECC C  CYTRAER C  CYTRAER C  CY	140
MKLLVE AVEL MKTLL INVI MELALL CGEV MLLVHLPSPO MKKFTVATE MKGLEPLAF	SO RCCOTHDN D RCCOTHDC D WCCOTHDC D WCCHANDC D WCCHANDC D WCCHANDC D WCCHANDC D CC - HD -	NEDTK KKSM HYNWR- GELN- FYDO- FYDO-
HGIB HGIP HGIFF HGIFF HGV HGV	AGENTAL PROPERTY OF THE PROPER	hGIB hGIID hGIIE hGIIE hGIF hGV hGX consensus

group II C-terminal extension

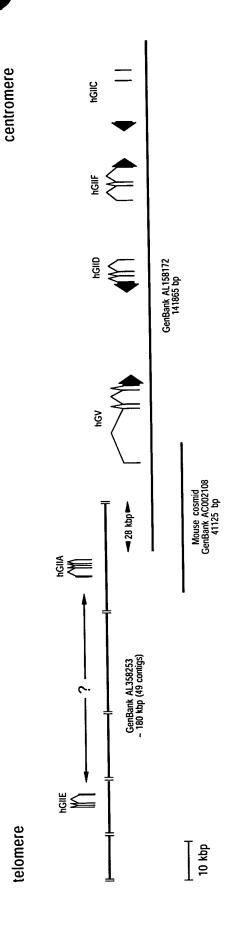
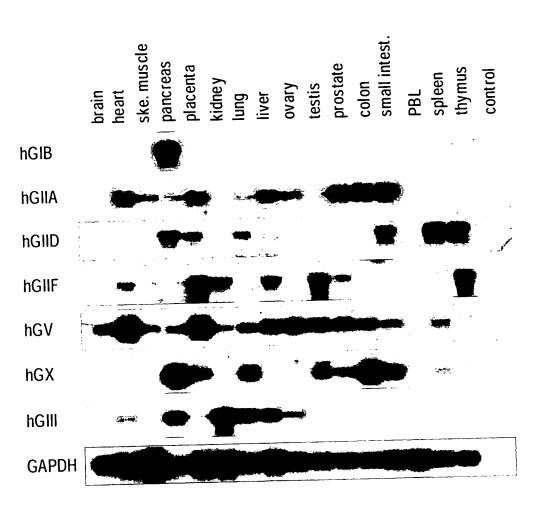


Fig. 2



118.

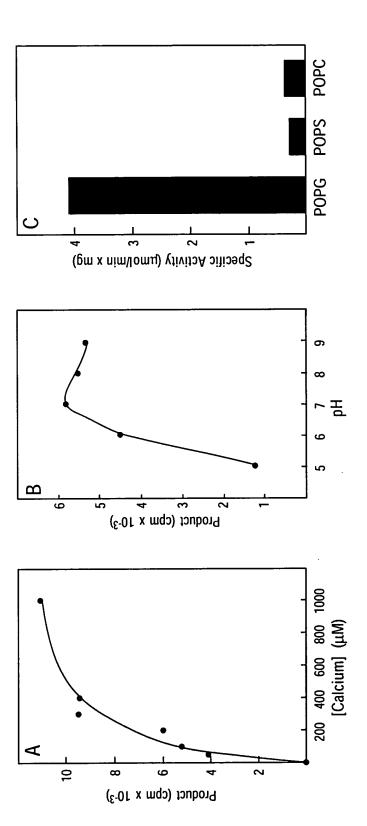


Fig. 4